AT-S21 Version 1.5 Management Software for the AT-8100 Series Ethernet Switches

Software Release Notes

Please read this document before you begin to use the AT-S21 Version 1.5 management software.

Supported Platforms

AT-S21 Version 1.5 management software is supported on the following Allied Telesyn International switches:

- AT-8118 Ethernet Switch
- AT-8124XL Ethernet Switch (Pre-November 2000 Model)
- AT-8126XL Ethernet Switch

Version 1.5 supports the following expansion modules:

- AT-A10 10/100Base-T (RJ-45) Expansion Module
- AT-A11 100Base-FX (SC) Expansion Module
- AT-A20 100Base-FX (MT-RJ) Expansion Module
- AT-A21 100Base-FX (VF-45) Expansion Module

Product Documentation

For hardware installation instructions, refer to the following guide:

- *AT-8118, AT-8124XL, and AT-8124XL Installation Guide (PN 613-10726-00)*

For software management instructions, refer to the following guide:

- *AT-S21 User's Guide (PN 613-10727-00)*

Both guides are available in Portable Document Format (PDF) from the Allied Telesyn web site at www.alliedtelesyn.com.

New Version 1.5

Resolved Issues

- Web Browser Management Sessions and Denial-of-Service Attacks

  In AT-S21 Version 1.4.4, the web browser management feature of the management software was disabled to help protect the software from denial-of-service virus attacks, such as from Code Red. In this version, web browser management has been reactivated and the management software modified to make it less vulnerable to that type of attack.

- Web Browser Management Sessions and Management Windows

  Moving rapidly through the management windows during a web browser management session periodically caused the management session to freeze and the switch to reset. This problem has been resolved.

Operational Notes

- Omega Password

  Do not use special characters, such as a space, asterisk, or exclamation point, when creating a password for the Omega interface, particularly if you will be managing the switch from a web browser. Web browsers cannot handle special characters in program passwords. The password should be limited to alphanumeric characters (A to Z, a to z, and 1 to 9).

- Port-based VLANs

  Each switch can support a maximum of 32 port-based VLANs.

- Supported MIBs

  The AT-S21 software supports the following MIBs:

  - Standard.mib (RFC1213)
  - SNMPV2.MIB
  - RFC1493.MIB
  - RFC1573.MIB
  - RFC1643.MIB
  - DHCP MIB
  - ATSWITCH2.MIB Version 1.8 (Allied Telesyn International Proprietary MIB)

  The Allied Telesyn International proprietary MIB can be downloaded from our web site at www.alliedtelesyn.com.

- Multicast Address Window

  The window for adding multicast MAC addresses is incorrectly labelled as "Add Static MAC Address Menu."

- Default STP Port Cost

  The default STP port cost is 10 for both 10 Mbps and 100 Mbps ports.

- DHCP MIB Objects

  The following DHCP MIB objects return valid values only when the switch obtains its IP configuration from a DHCP server. Otherwise, the MIB objects return random values.

  - atswitchDHCPCurrentDHCPServerAddress
  - atswitchDHCPSubnetMask
  - atswitchDHCPCurrentRelayAgentAddress
  - atswitchDHCPNextDHCPServerAddress

- Transmit Timeout Counter

  The transmit timeout counter is incremented whenever a deferred transmission is detected, resulting in an erroneous value for the counter. You should ignore the transmit timeout counter.

- Port Speed

  A change to the operating speed of an end node connected to a switch port might not be detected by the switch. Should this occur, set the port speed manually using the AT-S21 management software.

- Activity Monitor

  The Activity Monitor may display corrupted information. The information can be ignored.

- Illegal Static MAC Addresses

  The management software does not display an error message if you enter an illegal static MAC address from a web browser management session. However, the management software will not add the address to the static MAC address table.

  Limitations

- SNMP MIB Objects

  The following MIB objects are not supported and cannot be altered through an SNMP management program:

  - atSwitchMirrorState
  - atSwitchportAutoSensorHalfDuplex
  - atSwitchPortTransmit Pacing
  - atSwitchFwdVlanTable

- Port Mirrors

  The AT-S21 management software does not support port mirrors.

- RMON Statistics Screen

  The RMON statistics screen selection has been disabled.

Previous Version 1.4.4

This was a special release of the AT-S21 management software. The web browser management feature was disabled to protect the switch from attacks by denial-of-service viruses, such as Code Red. Web browser management has been reactivated in Version 1.5.

Previous Version 1.4.3

Resolved Issues

- IP Address Lease Renewal

  The management software now correctly renews its lease for an IP address if it obtained its IP configuration from a DHCP server. Renewing the lease prevents the DHCP server from assigning the switch's IP address to another network device.

- SNMP Management and Uplink Port 27

  An SNMP management session erroneously showed a link present on uplink port 27 even when no uplink module was installed. This problem has been resolved.

- Microsoft Internet Explorer

  Quickly navigating through the Omega windows using the Microsoft Internet Explorer often resulted in the loss of the management session. This problem has been resolved.

- Gateway Address Obtained from a DHCP Server

  The AT-S21 software can now obtain and implement a gateway IP address from a DHCP server as part of its IP configuration. Previously, the switch had to be reset before the gateway address was implemented.

Previous Version 1.4.2

Resolved Issues

- Uplink Ports

  Minor packet loss and/or packet error occurred on an uplink port in an AT-8118 if the port was operating at 10 Mbps and half-duplex mode. This problem has been resolved.

- atswitchPort2VlanTable MIB Object

  The atswitchPort2VlanTable MIB object had only 17 indices (ports 1 to 16 and port 17 for the management port). The object lacked indices for the uplinks ports. The MIB object now contains the additional indices 18 and 19 for the uplink ports.

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You can also contact Technical Support on-line at **http://kb.alliedtelesyn.com**.

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